AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Previously Presented): A method of requirements traceability based on a UML model, comprising the steps of:
        during the modeling, a graphics interface is used when creating an element of a model,
        placing a requirement immediately on the element in this graphics interface and the element is systematically filled in with the upward requirement which has given rise to the creation of this element.

2.   (Previously Presented): The method as claimed in claim 1, comprising the steps of: when creating a UML Requirement which has repercussions on several elements of the model, attaching said requirement to the common element containing the set of elements on which the requirement has repercussions.

3.   (Previously Presented): The method as claimed in claim 1, comprising the steps of: when an element of the model is deleted, all the UML Requirements attached to this element are likewise deleted.

4.   (Previously Presented): The method as claimed in claim 3, wherein all the UML Requirements attached to all the elements attached to said element are likewise deleted.

5.   (Previously Presented): The method as claimed in claim 1, comprising the steps of: the UML Requirements are exported to the "DOORS" requirements management tool so as to ensure therein their management and their traceability.

6.   (Previously Presented): The method as claimed in claim 5, comprising the steps of: the UML Requirements are exported to DOORS, in the course of the development of the model, each time that this model has attained a stable state.

7.   (Previously Presented): The method as claimed in claim 2, wherein when an element of the model is deleted, all the UML Requirements attached to this element are likewise deleted.

8.   (Previously Presented): The method as claimed in claim 2, wherein the UML Requirements are exported to the DOORS requirements management tool so as to ensure therein their management and their traceability.

9.   (Previously Presented): The method as claimed in claim 3, wherein the UML Requirements are exported to the DOORS requirements management tool so as to ensure therein their management and their traceability.

10.   (Previously Presented): The method as claimed in claim 4, wherein the UML Requirements are exported to the DOORS requirements management tool so as to ensure therein their management and their traceability.